Bruhat Bangalore Mahanagara Palike
Executive Engineer Yelahanka Project Division

Name of Work: Modified Estimate For Developments of roads and drains at Machohalli, Kadabagere, Gollarahatti (Kitthanahalli), Singanayakanahalli Grama Panchayathi limits and surrounding areas of Yelahanka assembly Constituency Under Amrutha Nagarothana Grants

No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
1	**Earth work excavation by manual means** for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. **Loading and Unloading** of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) (V-I.No 1.4,Page No-5 PWD SR 2021-22) & (V-III Page No.3, Item No.1.1 Aof PWD SR 2021-22)								
		Cum							
	RCC Drain								
	Byandahalli Colony								
	From Laxmivenkateshwara House Road LHS		1	221.50	1.05	1.00	232.58		
	Machohalli								
	Bailkonenahalli Main Road LHS		1	108.00	0.90	0.75	72.90		
			1	12.80	0.90	0.75	8.64		
	Lead off Drain		1	280.50	1.10	1.00	308.55		
	Udhandaiah House Road LHS		1	168.70	1.10	1.00	185.57		
	Behind Shiva Temple Road RHS								
	Vivekananda Nagar								
	Krishnamurthy House Road LHS		1	50.10	0.90	1.00	45.09		
	Beside MV Men Wear Road RHS		1	65.10	0.90	1.00	58.59		
	Opp to Raj Tower Control Road RHS		1	80.00	1.50	1.50	180.00		
	Beside Arogya Siri		2	75.00	0.90	1.00	135.00		
	Kitthanahalli Panchaythi								
	Bettahalli								
	Opp to Bharathamatha Presidency School Road		1	128.15	1.10	0.90	126.87		
	Singanayakanahalli Panchayathi								
	Yediyurappanagara								
	Behind Government School		1	259.20	1.10	0.90	256.61		
	Surround Park, Btw 4th & 5th cross		1	161.40	1.10	0.90	159.79		
	9th cross road		1	189.00	1.10	1.00	207.90		
	Arunadhaya Layout Main Rd LHS		1	132.60	1.00	0.80	106.08		
	Arunadhaya Layout Main Rd RHS		1	29.90	1.00	0.80	23.92		
	Dibbur								
	Beside Anjaneyaswamy temple		1	227.50	1.30	0.90	266.18		

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Culvert								
	Byandahalli Colony								
	From Laxmivenkateshwara House Road LHS		1	6.10	1.50	1.00	9.15		
			1	4.20	1.20	1.00	5.04		
	Machohalli								
	Udhandaiah House Road LHS		1	5.30	1.20	1.00	6.36		
			3	6.60	1.50	1.00	29.70		
	Bailkonenahalli Main Road RHS		1	4.90	1.50	1.00	7.35		
	Vivekananda Nagar		1	7.40	1.50	1.00	11.10		
	Bettahalli		1	7.50	1.40	0.90	9.45		
	Yediyurappanagara								
	Behind Government School		8	6.30	1.40	0.90	63.50		
	Dibbur								
	Beside Anjaneyaswamy temple		1	8.70	1.40	0.90	10.96		
	Singanayakanahalli Panchayathi								
	Arunadhaya Layout Main Rd LHS		2	5.85	1.20	0.75	10.53		
	Singanayakanahalli Madiwala Samudaya bhavana								
	Footing		6	3.40	3.20	2.00	130.56		
	F1		4	2.60	2.20	2.00	45.76		
	F2		4	2.40	2.20	2.00	42.24		
	F3		3	1.500	1.50	1.50	10.13		
	F4								
	For SSm Foundation		1	10.00	0.90	0.75	6.75		
	Outer Walls		1	11.80	0.90	0.75	7.97		
			2	14.00	0.90	0.75	18.90		
			4	2.00	0.60	0.60	2.88		
	Inner walls		2	1.20	0.60	0.60	0.86		
							2803.44	**317.00**	**888691.27**
	Approved Amount	**317.00**							
2	**Earth work in surface excavation by mechanical means** for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work ((V-I, P.No-8, I No-1.12 of PWD SR 2021-22)								
		Cum							
	Kitthanahalli Panchayathi								
	Ravuthanahalli Village								
	Narsimmaiah house Road		1	56.00	6.40	0.30	107.52		
	Chandu Nilaya Road		1	49.50	5.00	0.30	74.25		
	Chamundeshwari layout								
	Vijaykumar. M house Rd		1	79.60	6.20	0.30	148.06		
	Main Road		1	179.20	6.10	0.30	327.94		
	Lokesh house Road		1	80.70	4.90	0.30	118.63		
	Kadabgere Main Road From Government School		1	358.90	6.95	0.30	748.31		
	Kuvempu Badavane								

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Shanthi Nivas house Road		1	175.60	5.42	0.30	285.53		
Raghavendra layout								
Triveni Road, 2nd Cross		1	118.00	6.50	0.30	230.10		
Guru Nilaya , 5th Cross		1	109.80	6.35	0.30	209.17		
Jagadish House Road		1	74.80	5.65	0.30	126.79		
A.N. Kru Road, 4th Main Road		1	146.20	5.60	0.30	245.62		
Spoorthi layout								
1st Cross		1	90.70	5.70	0.30	155.10		
2nd Cross		1	130.10	6.20	0.30	241.99		
3rd Cross		1	109.50	5.50	0.30	180.68		
From End Right Side		1	83.40	6.00	0.30	150.12		
Basaweshwara House Road		1	148.00	6.50	0.30	288.60		
Seegehalli gate								
Sriranga Muneshwara Temple Surrounding		1	35.70	5.90	0.30	63.19		
Anjanadri House Road		1	72.50	5.40	0.30	117.45		
Guddadha Ranganatha Swamy Nilaya Road		1	59.20	4.80	0.30	85.25		
Anjanadri Nilaya, Lakshmi Narasimhiah House Road		1	50.60	5.10	0.30	77.42		
Lakshmi Narasimha Swamy House Road		1	53.00	5.10	0.30	81.09		
Mahimannanapalya								
Mommakkalu Gubbacchi goodu House road		1	185.40	6.35	0.30	353.19		
Muneshwara Temple Road		1	40.40	6.45	0.30	78.17		
Renuka nilaya House road		1	106.20	5.35	0.30	170.45		
Cross Rd		1	26.70	5.10	0.30	40.85		
Lakshmi Layout								
Beside Smart Saloon , 7th Cross Road		1	97.40	4.60	0.30	134.41		
8th Cross Road		1	116.80	4.30	0.30	150.67		
9th Cross Road		1	111.50	4.50	0.30	150.53		
Kadabagere village								
Rajesh house Road		1	148.60	6.40	0.30	285.31		
Machohalli Panchayathi								
Byandahalli								
Opposite Sri Shanmuga Hotel		1	67.50	5.10	0.30	103.28		
Sri Veerbhadreshwara Swamy Prasanna Road		1	37.30	4.80	0.30	53.71		
Beside Nandi Complex		1	133.20	5.40	0.30	215.78		
Bailkonenahalli								
Beside Berht Robotics, Mahanteshwara Layout		1	120.00	4.85	0.30	174.60		
Perpendicular Road		1	26.80	4.75	0.30	38.19		
Machohalli								
Uddhandayya Layout								
Haleooramma temple road		1	91.80	5.10	0.30	140.45		
Sri Haripada Nilaya Road		1	187.10	4.85	0.30	272.23		
Ganavi Nilaya House Road from end		1	125.90	4.75	0.30	179.41		
Kamath Layout								
Main Road		1	441.10	5.80	0.30	767.51		

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	11 th Cross Opp. Road		1	379.60	5.50	0.30	626.34		
	Smart School Backgate Road		1	115.00	5.40	0.30	186.30		
	Mookambika Layout								
	Jagadish House Road		1	48.80	4.70	0.30	68.81		
	Opp. Chethan hairstyle Road		1	26.30	5.10	0.30	40.24		
	Lakshman house Road		1	47.40	5.00	0.30	71.10		
	Nesara Screen Printing Road		1	28.90	4.70	0.30	40.75		
	Prakash House Road		1	47.00	5.30	0.30	74.73		
	Manasa Gopika House Road		1	48.00	5.00	0.30	72.00		
	Nanjappa House Road		1	34.10	5.20	0.30	53.20		
	Doddanna Layout RSB Sabha Bhavan Road		1	181.00	7.80	0.30	423.54		
	Vadrahalli Village								
	Beside Nethravathi Real Estate Road		1	103.80	5.20	0.30	161.93		
	Sidhappa House Road		1	51.00	5.20	0.30	79.56		
	Murthy House Road		1	94.80	6.70	0.30	190.55		
	Kitthanahalli Panchayathi								
	Ravuthanahalli Village								
	Arasappa house Rd, Jeevan Nilaya		1	120.00	5.35	0.25	160.50		
	Ganga Arasayya House Road		1	100.60	4.80	0.25	120.72		
	Connecting Road 1 Ganga Arasayya House Road		1	43.50	4.80	0.25	52.20		
	Connecting Road 2 Ganga Arasayya House Road		1	12.60	5.15	0.30	19.47		
	Revanna House road Jinnagaradamma layout		1	109.00	6.40	0.25	174.40		
	Ganga Hardware shop road		1	201.20	6.40	0.25	321.92		
	Kitthanahalli								
	M.G. Layout Starting Point		1	230.90	5.00	0.25	288.63		
	M.G. Layout Opposite Road		1	395.10	5.50	0.25	543.26		
	From Aishwarya Creation Centre		1	165.10	4.85	0.25	200.18		
	Opp. Kithanahalli Panchayathi Office Building (Bus Bay)		1	46.15	8.90	0.25	102.68		
	Bettahalli Village								
	Bharatha Matha Presidency School Road		1	543.70	6.70	0.25	910.70		
	Singanayakanahalli Panchayathi								
	Singanayakanahalli Village								
	Balaji layout Main Road		1	254.00	6.23	0.25	395.61		
	Sri Sai GreenWoods layout main Road From end		1	326.90	5.98	0.25	488.72		
	Sai Enclave layout Mn Rd		1	222.70	7.12	0.25	396.46		
							13636.00	68.00	927247.85
	Approved Amount	68.00							
3	**Cost of Haulage Excluding Loading** and Unloading Taking output 10 t load and lead 10 km = 100 t.km (V-III Page No.3, Item No.1.4 A of PWD SR 2021-22)								
		t.km							
	Qty frm Item No-1		1	2803.44	1.28		3588.41		
	Qty frm Item No-2		1	13636.00	1.28		17454.08		

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Approved Amount						**21042.48**	**63.00**	**1325676.46**
4	Providing and laying in position **plain cement concrete** for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) **Mix 1:3:6 (M10) Using 40 mm nominal** size graded crushed coarse aggregates (V-1, P.No-15, I No-2.1.3 of PWD SR 2021-22)	**63.00**							
		Cum							
	RCC Drain								
	Byandahalli Colony								
	From Laxmivenkateshwara House Road LHS		1	221.50	1.05	0.15	34.89		
	Machohalli								
	Bailkonenahalli Main Road LHS		1	108.00	0.90	0.15	14.58		
			1	12.80	0.90	0.15	1.73		
	Lead off Drain		1	280.50	1.10	0.15	46.28		
	Udhandaiah House Road LHS		1	168.70	1.10	0.15	27.84		
	Behind Shiva Temple Road RHS								
	Vivekananda Nagar								
	Krishnamurthy House Road LHS		1	50.10	1.10	0.15	8.27		
	Beside MV Men Wear Road RHS		1	65.10	1.10	0.15	10.74		
	Opp to Raj Tower Control Road RHS		1	80.00	1.50	0.15	18.00		
	Beside Arogya Siri		2	75.00	1.10	0.15	24.75		
	Kitthanahalli Panchaythi								
	Bettahalli								
	Opp to Bharathamatha Presidency School Road		1	128.15	1.10	0.15	21.14		
	Singanayakanahalli Panchayathi								
	Yediyurappanagara								
	Behind Government School		1	259.20	1.10	0.15	42.77		
	Surround Park, Btw 4th & 5th cross		1	161.40	1.10	0.15	26.63		
	9th cross road		1	189.00	1.10	0.15	31.19		
	Arunadhaya Layout Main Rd LHS		1	132.60	1.10	0.15	21.88		
	Arunadhaya Layout Main Rd RHS		1	29.90	1.00	0.15	4.49		
	Cross Rd		1	70.00	1.10	0.15	11.55		
	Dibbur								
	Beside Anjaneyaswamy temple		1	227.50	1.30	0.15	44.36		
	Culvert								
	Byandahalli Colony								
	From Laxmivenkateshwara House Road LHS		1	6.10	1.50	0.15	1.37		
			1	4.20	1.20	0.15	0.76		
	Machohalli								

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Udhandaiah House Road LHS		1	5.30	1.20	0.15	0.95		
			3	8.60	1.50	0.15	4.46		
	Bailkonenahalli Main Road RHS		1	4.90	1.50	0.15	1.10		
	Vivekananda Nagar		1	7.40	1.50	0.15	1.67		
	Bettahalli		1	7.50	1.40	0.15	1.58		
	Yediyurappanagara								
	Behind Government School		8	6.30	1.40	0.15	10.58		
	Dibbur								
	Beside Anjaneyaswamy temple		1	8.70	1.40	0.15	1.83		
	Singanayakanahalli Panchayathi								
	Arunadhaya Layout Main Rd LHS		2	5.85	1.30	0.15	2.28		
							417.65	6010.00	2510064.48
	Approved Amount	6010.00							
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) **M20 Design Mix Using 20 mm nominal size graded** crushed coarse aggregates (V-1,P.No.17, I.No.2.4.2 of PWD SR 2021-22)								
		Cum							
	RCC Drain Raft								
	Byandahalli Colony								
	From Laxmivenkateshwara House Road LHS		1	221.50	0.90	0.15	28.61		
	Machohalli								
	Bailkonenahalli Main Road LHS		1	108.00	0.75	0.15	12.15		
			1	12.80	0.90	0.15	1.73		
	Lead off Drain		1	280.50	0.90	0.15	37.87		
	Udhandaiah House Road LHS		1	168.70	0.90	0.15	22.77		
	Behind Shiva Temple Road RHS								
	Vivekananda Nagar								
	Krishnamurthy House Road LHS		1	50.10	0.75	0.15	5.64		
	Beside MV Men Wear Road RHS		1	65.10	0.75	0.15	7.32		
	Opp to Raj Tower Control Road RHS		1	80.00	1.20	0.15	14.40		
	Beside Arogya Siri		2	75.00	0.75	0.15	16.88		
	Kitthanahalli Panchaythi								
	Bettahalli								
	Opp to Bharathamatha Presidency School Road		1	128.15	0.90	0.15	17.30		
	Singanayakanahalli Panchayathi								
	Yediyurappanagara								

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Behind Government School		1	259.20	0.90	0.15	34.99		
Surround Park, Btw 4th & 5th cross		1	161.40	0.90	0.15	21.79		
9th cross road		1	189.00	0.90	0.15	25.52		
Arunadhaya Layout Main Rd LHS		1	132.60	0.90	0.13	15.28		
Arunadhaya Layout Main Rd RHS		1	29.90	0.90	0.15	4.04		
Dibbur								
Beside Anjaneyaswamy temple		1	227.50	1.10	0.15	37.54		
RCC Drain Wall								
Byandahalli Colony								
From Laxmivenkateshwara House Road LHS		2	221.50	0.15	0.60	39.87		
Machohalli								
Bailkonenahalli Main Road LHS		2	108.00	0.15	0.60	19.44		
Lead off Drain		2	12.80	0.15	0.60	2.30		
Udhandaiah House Road LHS		2	280.50	0.15	0.60	50.49		
Behind Shiva Temple Road RHS		2	168.70	0.15	0.60	30.37		
Vivekananda Nagar								
Krishnamurthy House Road LHS		2	50.10	0.15	0.65	9.77		
Beside MV Men Wear Road RHS		2	65.10	0.15	0.60	11.72		
Opp to Raj Tower Control Road RHS		2	80.00	0.15	1.10	26.40		
Beside Arogya Siri		4	75.00	0.15	0.60	27.00		
Kitthanahalli Panchaythi								
Bettahalli								
Opp to Bharathamatha Presidency School Road		2	128.15	0.15	0.60	23.07		
Singanayakanahalli Panchayathi								
Yediyurappanagara								
Behind Government School		2	259.20	0.15	0.60	46.66		
Surround Park, Btw 4th & 5th cross		2	161.40	0.15	0.60	29.05		
9th cross road		2	189.00	0.15	0.60	34.02		
Arunadhaya Layout Main Rd LHS		2	132.60	0.15	0.59	23.55		
Arunadhaya Layout Main Rd RHS		2	29.90	0.15	0.55	4.93		
Dibbur								
Beside Anjaneyaswamy temple		2	227.50	0.15	0.60	40.95		
						723.40		
Culvert								
Raft								
Byandahalli Colony								
From Laxmivenkateshwara House Road LHS		1	6.10	1.20	0.20	1.46		
		1	4.20	0.90	0.20	0.76		

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Machohalli								
	Udhandaiah House Road LHS		1	5.30	0.90	0.20	0.95		
			3	6.60	1.20	0.20	4.75		
	Bailkonenahalli Main Road RHS		1	4.90	1.20	0.20	1.18		
	Vivekananda Nagar		1	7.40	1.20	0.20	1.78		
	Bettahalli		1	7.50	1.20	0.20	1.80		
	Yediyurappanagara								
	Behind Government School		8	6.30	1.20	0.20	12.10		
	Dibbur								
	Beside Anjaneyaswamy temple		1	8.70	1.20	0.20	2.09		
	Singanayakanahalli Panchayathi								
	Arunadhaya Layout Main Rd LHS		2	5.85	1.20	0.20	2.81		
	Wall								
	Byandahalli Colony								
	From Laxmivenkateshwara House Road LHS		2	6.10	0.23	0.45	1.26		
			2	4.20	0.23	0.45	0.87		
	Machohalli								
	Udhandaiah House Road LHS		2	5.30	0.23	0.45	1.10		
			6	6.60	0.23	0.45	4.10		
	Bailkonenahalli Main Road RHS		2	4.90	0.23	0.45	1.01		
	Vivekananda Nagar		2	7.40	0.23	0.78	2.66		
	Bettahalli		2	7.50	0.23	0.45	1.55		
	Yediyurappanagara								
	Behind Government School		16	6.30	0.23	0.45	10.43		
	Dibbur								
	Beside Anjaneyaswamy temple		2	8.70	0.23	0.45	1.80		
	Singanayakanahalli Panchayathi								
	Arunadhaya Layout Main Rd LHS		4	5.85	0.20	0.45	2.11		
	Deck Slab								
	Vivekananda Nagar		1	7.40	1.15	0.20	1.70		
	Bettahalli		1	7.50	1.10	0.20	1.65		
							59.91		
							783.31	**6858.67**	**5372453.78**
	Approved Amount	**6858.67**							
6	Supplying, Fitting and Placing un-coated **TMT bar Reinforcement** in sub-structure complete as per Drawing and Technical Specifications.(V-III, I.No 13.1 Page No 99, PWD SR 2021-22)Issue Rate: 07-04-22								
		Ton							
	For Drain, 60kg/cum		1	723.40	60.00		43350.00		
	For Culvert, 90kg/cum		1	59.91	90.00		5392.03		
							48742.03		
							48.74	**107888.86**	**5258721.83**
	Approved Amount	**107888.86**							

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Providing and fixing precast reinforced cement concrete **covering slabs of 10Cm thick** made of M20 with OPC cement, with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work.								
		Sqm							
	Top Covering Slab								
	Byandahalli Colony								
	From Laxmivenkateshwara House Road LHS		1	221.50	0.90		199.35		
	Machohalli								
	Bailkonenahalli Main Road LHS		1	108.00	0.75		81.00		
			1	12.80	0.90		11.52		
	Lead off Drain		1	280.50	0.90		252.45		
	Udhandaiah House Road LHS		1	168.70	0.90		151.83		
	Behind Shiva Temple Road RHS								
	Vivekananda Nagar								
	Krishnamurthy House Road LHS		1	50.10	0.75		37.58		
	Beside MV Men Wear Road RHS		1	65.10	0.75		48.83		
	Opp to Raj Tower Control Road RHS		1	80.00	1.20		96.00		
	Beside Arogya Siri		2	75.00	0.75		112.50		
	Deduct						-10.55		
	Kitthanahalli Panchaythi								
	Bettahalli								
	Opp to Bharathamatha Presidency School Road		1	128.15	0.90		115.34		
	Singanayakanahalli Panchayathi								
	Yediyurappanagara								
	Behind Government School		1	259.20	0.90		233.28		
	Surround Park, Btw 4th & 5th cross		1	161.40	0.90		145.26		
	9th cross road		1	189.00	0.90		170.10		
	Arunadhaya Layout Main Rd LHS		1	128.60	0.90		115.74		
	Arunadhaya Layout Main Rd RHS		1	29.90	0.90		26.91		
	Dibbur								
	Beside Anjaneyaswamy temple		1	227.50	1.20		273.00		
							2060.13	**2100.42**	**4327135.37**
	Approved Amount	**2100.42**							
8	Providing and fixing precast reinforced cement concrete **covering slabs of 23Cm thick** made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work.								
		Sqm							

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Byandahalli Colony								
	From Laxmivenkateshwara House		1	6.10	1.20		7.32		
	Road LHS		1	4.20	0.90		3.78		
	Machohalli								
	Udhandaiah House Road LHS		1	5.30	0.90		4.77		
			3	6.60	1.20		23.76		
	Bailkonenahalli Main Road RHS		1	4.90	1.20		5.88		
	Yediyurappanagara								
	Behind Government School		8	6.30	1.20		60.48		
	Arunadhaya Layout Main Rd LHS		2	5.85	1.20		14.04		
	Dibbur								
	Beside Anjaneyaswamy temple		1	8.70	1.20		10.44		
							130.47	5106.10	666192.55
	Approved Amount	**5106.10**							
9	Providing and fixing pre cast solid **cement concrete Kerb stones** made out of M20 with top width 100mm and bottom width 150mm respectively,300mm high with CM 1:3 plastering and finishing cutting including from work, curing, including cost of all materials , labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete to be laid between travel lane and Cycle track/Land scape with all lead , lift, loading and unloading complete as per the direction of engineer in charge (from finish concrete and no painting to be done) (Approved Rate)								
		Nos							
							0.00	513.96	0.00
	Approved Amount	**513.96**							
10	**Painting two coats** after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces (V-III, P.No.56, I.No.8.10 of PW, PWD SR 2021-22)								
		Sqm							
							0.00	94.79	0.00
	Approved Amount	**94.79**							
11	Dismantling of **cement concrete pavement** by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separatel (V-III Page No.10, Item No.2.19 of PWD SR 2021-22)								
		Cum							
							0.00	470.56	0.00
	Approved Amount	**470.56**							
12	Construction of **Granular Sub-Base of** required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 .(V-III, I No-4.1V,P No-19,KPWD SR 2021-22)								
		Cum							
	Kitthanahalli Panchayathi								
	Ravuthanahalli Village								
	Narsimmaiah house Road		1	56.00	6.40	0.15	53.76		
	Chandu Nilaya Road		1	49.50	5.00	0.15	37.13		
	Chamundeshwari layout								

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Vijaykumar. M house Rd		1	79.60	6.20	0.15	74.03		
Main Road		1	179.20	6.10	0.15	163.97		
Lokesh house Road		1	80.70	4.90	0.15	59.31		
Kadabgere Main Road From Government School		1	358.90	6.95	0.15	374.15		
Kuvempu Badavane								
Shanthi Nivas house Road		1	175.60	5.42	0.15	142.76		
Raghavendra layout								
Triveni Road, 2nd Cross		1	118.00	6.50	0.15	115.05		
Guru Nilaya , 5th Cross		1	109.80	6.35	0.15	104.58		
Jagadish House Road		1	74.80	5.65	0.15	63.39		
A.N. Kru Road, 4th Main Road		1	146.20	5.60	0.15	122.81		
Spoorthi layout								
1st Cross		1	90.70	5.70	0.15	77.55		
2nd Cross		1	130.10	6.20	0.15	120.99		
3rd Cross		1	109.50	5.50	0.15	90.34		
From End Right Side		1	83.40	6.00	0.15	75.06		
Basaweshwara House Road		1	148.00	6.50	0.15	144.30		
Seegehalli gate								
Sriranga Muneshwara Temple Surrounding		1	35.70	5.90	0.15	31.59		
Anjanadri House Road		1	72.50	5.40	0.15	58.73		
Guddadha Ranganatha Swamy Nilaya Road		1	59.20	4.80	0.15	42.62		
Anjanadri Nilaya, Lakshmi Narasimhiah House Road		1	50.60	5.10	0.15	38.71		
Lakshmi Narasimha Swamy House Road		1	53.00	5.10	0.15	40.55		
Mahimannanapalya								
Mommakkalu Gubbacchi goodu House road		1	185.40	6.35	0.15	176.59		
Muneshwara Temple Road		1	40.40	6.45	0.15	39.09		
Renuka nilaya House road		1	106.20	5.35	0.15	85.23		
Cross Rd		1	26.70	5.10	0.15	20.43		
Lakshmi Layout								
Beside Smart Saloon , 7th Cross Road		1	97.40	4.60	0.15	67.21		
8th Cross Road		1	116.80	4.30	0.15	75.34		
9th Cross Road		1	111.50	4.50	0.15	75.26		
Kadabagere village								
Rajesh house Road		1	148.60	6.40	0.15	142.66		
Machohalli Panchayathi								
Byandahalli								
Opposite Sri Shanmuga Hotel		1	67.50	5.10	0.15	51.64		
Sri Veerbhadreshwara Swamy Prasanna Road		1	37.30	4.80	0.15	26.86		
Beside Nandi Complex		1	133.20	5.40	0.15	107.89		
Bailkonenahalli								
Beside Berht Robotics, Mahanteshwara Layout		1	120.00	4.85	0.15	87.30		
Perpendicular Road								
Machohalli		1	26.80	4.75	0.15	19.10		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
dhandayya Layout								
leooramma temple road		1	91.80	5.10	0.15	70.23		
i Haripada Nilaya Road		1	187.10	4.85	0.15	136.12		
anavi Nilaya House Road from end		1	125.90	4.75	0.15	89.70		
Kamath Layout								
Main Road		1	441.10	5.80	0.15	383.76		
11 th Cross Opp. Road		1	379.60	5.50	0.15	313.17		
Smart School Backgate Road		1	115.00	5.40	0.15	93.15		
Mookambika Layout								
Jagadish House Road		1	48.80	4.70	0.15	34.40		
Opp. Chethan hairstyle Road		1	26.30	5.10	0.15	20.12		
Lakshman house Road		1	47.40	5.00	0.15	35.55		
Nesara Screen Printing Road		1	28.90	4.70	0.15	20.37		
Prakash House Road		1	47.00	5.30	0.15	37.37		
Manasa Gopika House Road		1	48.00	5.00	0.15	36.00		
Nanjappa House Road		1	34.10	5.20	0.15	26.60		
Doddanna Layout RSB Sabha Bhavan Road		1	181.00	7.80	0.15	211.77		
Vadrahalli Village								
Beside Nethravathi Real Estate Road		1	103.80	5.20	0.15	80.96		
Sidhappa House Road		1	51.00	5.20	0.15	39.78		
Murthy House Road		1	94.80	6.70	0.15	95.27		
Kitthanahalli Panchayathi								
Ravuthanahalli Village								
Arasappa house Rd, Jeevan Nilaya		1	120.00	5.35	0.15	96.30		
Ganga Arasayya House Road		1	100.60	4.80	0.15	72.43		
Connecting Road 1 Ganga Arasayya House Road		1	43.50	4.80	0.15	31.32		
Connecting Road 2 Ganga Arasayya House Road		1	12.60	5.15	0.15	9.73		
Revanna House road Jinnagaradamma layout		1	109.00	6.40	0.15	104.64		
Ganga Hardware shop road		1	201.20	6.40	0.15	193.15		
Kitthanahalli								
M.G. Layout Starting Point		1	230.90	5.00	0.15	173.18		
M.G. Layout Opposite Road		1	395.10	5.50	0.15	325.96		
From Aishwarya Creation Centre		1	165.10	4.85	0.15	120.11		
Opp. Kithanahalli Panchayathi Office Building (Bus Bay)		1	46.15	8.90	0.15	61.61		
Bettahalli Village								
Bharatha Matha Presidency School Road		1	543.70	6.70	0.15	546.42		
Singanayakanahalli Panchayathi								
Singanayakanahalli Village								
Balaji layout Main Road		1	254.00	6.23	0.15	237.36		
Sri Sai GreenWoods layout main Road From end		1	326.90	5.98	0.15	293.23		
Sai Enclave layout Mn Rd		1	222.70	7.12	0.15	237.88		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
						7233.60	2450.57	17726457.82
Approved Amount	2450.57							

13	Providing and laying in position **plain cement concrete** for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as pertechnical specifications. (The cost of steel reinforcement & formwork shall be paid separately) **Mix 1:4:8 (M5) Using 40 mm nominal size graded crushed coarse aggregates** (V-I, P.No-15, I No-2.1.2 of PWD SR 2021-22)								
		Cum							
	Kitthanahalli Panchayathi								
	Ravuthanahalli Village								
	Narsimmaiah house Road		1	56.00	6.40	0.15	53.76		
	Chandu Nilaya Road		1	49.50	5.00	0.15	37.13		
	Chamundeshwari layout								
	Vijaykumar. M house Rd		1	79.60	6.20	0.15	74.03		
	Main Road		1	179.20	6.10	0.15	163.97		
	Lokesh house Road		1	80.70	4.90	0.15	59.31		
	Kadabgere Main Road From Government School		1	358.90	6.95	0.15	374.15		
	Kuvempu Badavane								
	Shanthi Nivas house Road		1	175.60	5.42	0.15	142.76		
	Raghavendra layout								
	Triveni Road, 2nd Cross		1	118.00	6.50	0.15	115.05		
	Guru Nilaya , 5th Cross		1	109.80	6.35	0.15	104.58		
	Jagadish House Road		1	74.80	5.65	0.15	63.39		
	A.N. Kru Road, 4th Main Road		1	146.20	5.60	0.15	122.81		
	Spoorthi layout								
	1st Cross		1	90.70	5.70	0.15	77.55		
	2nd Cross		1	130.10	6.20	0.15	120.99		
	3rd Cross		1	109.50	5.50	0.15	90.34		
	From End Right Side		1	83.40	6.00	0.15	75.06		
	Basaweshwara House Road		1	148.00	6.50	0.15	144.30		
	Seegehalli gate								
	Sriranga Muneshwara Temple Surrounding		1	35.70	5.90	0.15	31.59		
	Anjanadri House Road		1	72.50	5.40	0.15	58.73		
	Guddadha Ranganatha Swamy Nilaya Road		1	59.20	4.80	0.15	42.62		
	Anjanadri Nilaya, Lakshmi Narasimhiah House Road		1	50.60	5.10	0.15	38.71		
	Lakshmi Narasimha Swamy House Road		1	53.00	5.10	0.15	40.55		
	Mahimannanapalya								
	Mommakkalu Gubbacchi goodu House road		1	185.40	6.35	0.15	176.59		
	Muneshwara Temple Road		1	40.40	6.45	0.15	39.09		
	Renuka nilaya House road		1	106.20	5.35	0.15	85.23		
	Cross Rd		1	26.70	5.10	0.15	20.43		
	Lakshmi Layout								

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Beside Smart Saloon , 7th Cross Road		1	97.40	4.60	0.15	67.21		
8th Cross Road		1	116.80	4.30	0.15	75.34		
9th Cross Road		1	111.50	4.50	0.15	75.26		
Kadabagere village								
Rajesh house Road		1	148.60	6.40	0.15	142.66		
Machohalli Panchayathi								
Byandahalli								
Opposite Sri Shanmuga Hotel		1	67.50	5.10	0.15	51.64		
Sri Veerbhadreshwara Swamy Prasanna Road		1	37.30	4.80	0.15	26.86		
Beside Nandi Complex		1	133.20	5.40	0.15	107.89		
Bailkonenahalli								
Beside Berht Robotics, Mahanteshwara Layout		1	120.00	4.85	0.15	87.30		
Perpendicular Road		1	26.80	4.75	0.15	19.10		
Machohalli								
Uddhandayya Layout								
Haleooramma temple road		1	91.80	5.10	0.15	70.23		
Sri Haripada Nilaya Road		1	187.10	4.85	0.15	136.12		
Ganavi Nilaya House Road from end		1	125.90	4.75	0.15	89.70		
Kamath Layout								
Main Road		1	441.10	5.80	0.15	383.76		
11 th Cross Opp. Road		1	379.60	5.50	0.15	313.17		
Smart School Backgate Road		1	115.00	5.40	0.15	93.15		
Mookambika Layout								
Jagadish House Road		1	48.80	4.70	0.15	34.40		
Opp. Chethan hairstyle Road		1	26.30	5.10	0.15	20.12		
Lakshman house Road		1	47.40	5.00	0.15	35.55		
Nesara Screen Printing Road		1	28.90	4.70	0.15	20.37		
Prakash House Road		1	47.00	5.30	0.15	37.37		
Manasa Gopika House Road		1	48.00	5.00	0.15	36.00		
Nanjappa House Road		1	34.10	5.20	0.15	26.60		
Doddanna Layout RSB Sabha Bhavan Road		1	181.00	7.80	0.15	211.77		
Vadrahalli Village								
Beside Nethravathi Real Estate Road		1	103.80	5.20	0.15	80.96		
Sidhappa House Road		1	51.00	5.20	0.15	39.78		
Murthy House Road		1	94.80	6.70	0.15	95.27		
Kitthanahalli Panchayathi								
Ravuthanahalli Village								
Arasappa house Rd, Jeevan Nilaya		1	120.00	5.35	0.15	96.30		
Ganga Arasayya House Road		1	100.60	4.80	0.15	72.43		
Connecting Road 1 Ganga Arasayya House Road		1	43.50	4.80	0.15	31.32		

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Connecting Road 2 Ganga Arasayya House Road		1	12.60	5.15	0.15	9.73		
	Revanna House road Jinnagaradamma layout		1	109.00	6.40	0.15	104.64		
	Ganga Hardware shop road		1	201.20	6.40	0.15	193.15		
	Kitthanahalli								
	M.G. Layout Starting Point		1	230.90	5.00	0.15	173.18		
	M.G. Layout Opposite Road		1	395.10	5.50	0.15	325.96		
	From Aishwarya Creation Centre		1	165.10	4.85	0.15	120.11		
	Opp. Kithanahalli Panchayathi Office Building (Bus Bay)		1	46.15	8.90	0.15	61.61		
	Bettahalli Village								
	Bharatha Matha Presidency School		1	543.70	6.70	0.15	546.42		
	Singanayakanahalli Panchayathi								
	Singanayakanahalli Village								
	Balaji layout Main Road		1	254.00	6.23	0.15	237.36		
	Sri Sai GreenWoods layout main Road From end		1	326.90	5.98	0.15	293.23		
	Sai Enclave layout Mn Rd		1	222.70	7.12	0.15	237.88		
							7233.60	**5600.71**	**40513251.45**
	Approved Amount	**5600.71**							
14	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 **M30 (Grade)**, coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity andappropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes,compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work.(V-III, P.No-138,I No-20.29, KPWD SR 2021-22).								
		Cum							
	Kitthanahalli Panchayathi								
	Ravuthanahalli Village								
	Narsimmaiah house Road		1	56.00	6.40	0.15	53.76		
	Chandu Nilaya Road		1	49.50	5.00	0.15	37.13		
	Chamundeshwari layout								
	Vijaykumar. M house Rd		1	79.60	6.20	0.15	74.03		
	Main Road		1	179.20	6.10	0.15	163.97		
	Lokesh house Road		1	80.70	4.90	0.15	59.31		
	Kadabgere Main Road From Government School		1	358.90	6.95	0.15	374.15		
	Kuvempu Badavane								
	Shanthi Nivas house Road		1	175.60	5.42	0.15	142.76		
	Raghavendra layout								
	Triveni Road, 2nd Cross		1	118.00	6.50	0.15	115.05		
	Guru Nilaya , 5th Cross		1	109.80	6.35	0.15	104.58		
	Jagadish House Road		1	74.80	5.65	0.15	63.39		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
A.N. Kru Road, 4th Main Road		1	146.20	5.60	0.15	122.81		
Spoorthi layout								
1st Cross		1	90.70	5.70	0.15	77.55		
2nd Cross		1	130.10	6.20	0.15	120.99		
3rd Cross		1	109.50	5.50	0.15	90.34		
From End Right Side		1	83.40	6.00	0.15	75.06		
Basaweshwara House Road		1	148.00	6.50	0.15	144.30		
Seegehalli gate								
Sriranga Muneshwara Temple Surrounding		1	35.70	5.90	0.15	31.59		
Anjanadri House Road		1	72.50	5.40	0.15	58.73		
Guddadha Ranganatha Swamy Nilaya Road		1	59.20	4.80	0.15	42.62		
Anjanadri Nilaya, Lakshmi Narasimhiah House Road		1	50.60	5.10	0.15	38.71		
Lakshmi Narasimha Swamy House Road		1	53.00	5.10	0.15	40.55		
Mahimannanapalya								
Mommakkalu Gubbacchi goodu House road		1	185.40	6.35	0.15	176.59		
Muneshwara Temple Road		1	40.40	6.45	0.15	39.09		
Renuka nilaya House road		1	106.20	5.35	0.15	85.23		
Cross Rd		1	26.70	5.10	0.15	20.43		
Lakshmi Layout								
Beside Smart Saloon , 7th Cross Road		1	97.40	4.60	0.15	67.21		
8th Cross Road		1	116.80	4.30	0.15	75.34		
9th Cross Road		1	111.50	4.50	0.15	75.26		
Kadabagere village								
Rajesh house Road		1	148.60	6.40	0.15	142.66		
Machohalli Panchayathi								
Byandahalli								
Opposite Sri Shanmuga Hotel		1	67.50	5.10	0.15	51.64		
Sri Veerbhadreshwara Swamy Prasanna Road		1	37.30	4.80	0.15	26.86		
Beside Nandi Complex		1	133.20	5.40	0.15	107.89		
Bailkonenahalli								
Beside Berht Robotics, Mahanteshwara Layout		1	120.00	4.85	0.15	87.30		
Perpendicular Road		1	26.80	4.75	0.15	19.10		
Machohalli								
Uddhandayya Layout								
Haleooramma temple road		1	91.80	5.10	0.15	70.23		
Sri Haripada Nilaya Road		1	187.10	4.85	0.15	136.12		
Ganavi Nilaya House Road from end		1	125.90	4.75	0.15	89.70		
Kamath Layout								
Main Road		1	441.10	5.80	0.15	383.76		
11 th Cross Opp. Road		1	379.60	5.50	0.15	313.17		
Smart School Backgate Road		1	115.00	5.40	0.15	93.15		
Mookambika Layout								
Jagadish House Road		1	48.80	4.70	0.15	34.40		
Opp. Chethan hairstyle Road		1	26.30	5.10	0.15	20.12		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Lakshman house Road		1	47.40	5.00	0.15	35.55		
Nesara Screen Printing Road		1	28.90	4.70	0.15	20.37		
Prakash House Road		1	47.00	5.30	0.15	37.37		
Manasa Gopika House Road		1	48.00	5.00	0.15	36.00		
Nanjappa House Road		1	34.10	5.20	0.15	26.60		
Doddanna Layout RSB Sabha Bhavan Road		1	181.00	7.80	0.15	211.77		
Vadrahalli Village								
Beside Nethravathi Real Estate Road		1	103.80	5.20	0.15	80.96		
Sidhappa House Road		1	51.00	5.20	0.15	39.78		
Murthy House Road		1	94.80	6.70	0.15	95.27		
Kitthanahalli Panchayathi								
Ravuthanahalli Village								
Arasappa house Rd, Jeevan Nilaya		1	120.00	5.35	0.15	96.30		
Ganga Arasayya House Road		1	100.60	4.80	0.15	72.43		
Connecting Road 1 Ganga Arasayya House Road		1	43.50	4.80	0.15	31.32		
Connecting Road 2 Ganga Arasayya House Road		1	12.60	5.15	0.15	9.73		
Revanna House road Jinnagaradamma layout		1	109.00	6.40	0.15	104.64		
Ganga Hardware shop road		1	201.20	6.40	0.15	193.15		
Kitthanahalli								
M.G. Layout Starting Point		1	230.90	5.00	0.15	173.18		
M.G. Layout Opposite Road		1	395.10	5.50	0.15	325.96		
From Aishwarya Creation Centre		1	165.10	4.85	0.15	120.11		
Opp. Kithanahalli Panchayathi Office Building (Bus Bay)		1	46.15	8.90	0.15	61.61		
Bettahalli Village								
Bharatha Matha Presidency School		1	543.70	6.70	0.15	546.42		
Singanayakanahalli Panchayathi								
Singanayakanahalli Village								
Balaji layout Main Road		1	254.00	6.23	0.15	237.36		
Sri Sai GreenWoods layout main Road From end		1	326.90	5.98	0.15	293.23		
Sai Enclave layout Mn Rd		1	222.70	7.12	0.15	237.88		
Approved Amount	**7138.72**					**7233.60**	**7138.72**	**51638588.91**

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
15	Supply and fixing of Retro Reflective **Single arrow road name sign board** of size 2000mm x 900mm made out of retro reflective sheeting conforming to Type XI standards of ASTM D 4956 - 09 & as per IRC 67-2012 for full back ground of blue colour & white letters and fixed over 4 mm thick Aluminium Composite Material sheet having minimum 0.5 mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame SS angle of 15mm x 20mm x 1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm OD stainless steel pipe of 202 grade firmly fixed to the ground by means of properly designed foundation of size 450mm x 450mm x 600mm in 1:1.5:3 ratio cement concrete. The background shall be blue in color with letters and border in white, the item includes earthwork excavation, cost of all materials, loading, unloading, lead, lift, transportation etc., complete. as per clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manufacturer & a certified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered shall be submitted by the contractor for technical qualification in the tender (Data Rate)								
		Each					0.00		
							0.00	**38521.28**	**0.00**
	Approved Amount	**38521.28**							
16	Supply and fixing of Retro Reflective **Double arrow road name sign board** of size 2000mm x 900mm made out of retro reflective sheeting conforming to Type XI standards of ASTM D 4956 - 09 & as per IRC 67-2012 for full back ground of blue colour & white letters and fixed over 4 mm thick Aluminium Composite Material sheet having minimum 0.5 mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame SS angle of 15mm x 20mm x 1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm OD stainless steel pipe of 202 grade firmly fixed to the ground by means of properly designed foundation of size 450mm x 450mm x 600mm in 1:1.5:3 ratio cement concrete. The background shall be blue in color with letters and border in white, the item includes earthwork excavation, cost of all materials, loading, unloading, lead, lift, transportation etc., complete. as per clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manufacturer & a certified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered shall be submitted by the contractor for technical qualification in the tender (Data Rate)								
		Each					0.00		
							0.00	**44603.59**	**0.00**
	Approved Amount	**44603.59**							
17	*Providing and laying in position* **plain cement concrete for levelling course for all works in foundation**. *The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarseaggregates (V-I Page No.15, Item No.2.1.3 of PWD SR 2021-22)*								
		Sqm							
	Madivala Machideva sabha Bhavana								
	Sump tank								
	Madivala Machideva sabha Bhavana		1	3.20	3.20	0.10	1.54		
	For Compound Wall								
	South side								
	East Side		1	16.25	0.75	0.10	1.22		
			1	5.00	0.75	0.10	0.38		

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	North Side		1	15.80	0.75	0.10	1.19		
	Building Allround Passage area								
	South Side		1	16.25	1.15	0.10	1.87		
	East Side		1	13.07	0.75	0.10	0.98		
	North Side		1	5.65	15.80	0.10	8.93		
	West Side		1	14.20	1.00	0.10	1.42		
	Deduct Sump Area		-1	3.00	2.80	0.10	-0.84		
							16.67	**6005.83**	**100121.76**
	Approved Amount	**6005.83**							
18	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-I Page No.15, Item No.2.2.2.1 of PWD SR 2021-22)								
		Cum							
	Singanayakanahalli Madiwala Samudaya bhavana								
	Footing								
	F1		6	2.90	3.10	0.60	32.36		
	F2		4	2.00	2.30	0.45	8.28		
	F3		4	1.90	2.10	0.35	5.59		
	F4		3	1.20	1.20	0.30	1.30		
	Coloumns Up to Plinth								
	C1		6	0.45	0.60	1.55	2.51		
	C2		8	0.23	0.45	1.70	1.41		
	C3		3	0.23	0.23	1.95	0.31		
							51.75		
				Upto 125%			**23.46**	**7218.59**	**169366.19**
				Above 125%			**28.29**	**6867.01**	**194278.56**
	Approved Amount	**7218.59**							
19	Providing and laying in **position Reinforced cement concrete for all Super structures of building** , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately)M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-I Page No.17, Item No.2.5.1 of PWD SR 2021-22)								
		Cum							
	Madivala Machideva sabha Bhavana								
	Sump tank(Bottom) raft		1	2.60	2.40	0.15	0.94		
	Sump tank Top Slab		1	3.00	2.80	0.15	1.26		
	Plinth Beam								
	PB1		2	10.35	0.23	0.38	1.81		

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	PB2		3	10.35	0.23	0.60	4.28		
	PB3		2	14.00	0.23	0.38	2.45		
	Coloumn Above Plinth								
	C1		6	0.45	0.60	2.30	3.73		
	C2		8	0.23	0.45	2.65	2.19		
	C3		3	0.23	0.23	2.45	0.39		
	Lintel Beam								
	MD		1	2.40	0.23	0.20	0.11		
	D1		1	1.20	0.23	0.20	0.06		
	W		12	1.50	0.23	0.20	0.83		
	W2		1	3.40	0.23	0.25	0.20		
	W3		1	2.70	0.23	0.25	0.16		
	V		1	0.75	0.23	0.20	0.03		
	Chajja		4	1.50	0.60	0.13	0.45		
	W		3	1.50	0.15	0.13	0.08		
			3	1.50	0.15	0.13	0.08		
	Roof Beam		2	10.35	0.23	0.23	1.10		
			3	10.35	0.30	0.60	5.59		
			2	14.00	0.23	0.23	1.48		
			1	9.85	0.23	0.45	1.02		
			1	14.40	12.75	0.15	27.54		
	Slab		-1	4.15	2.40	0.15	-1.49		
	Deduct Staircase Area								
	Staircase		1	3.20	0.95	0.13	0.38		
	Waist Slab		1	3.00	0.80	0.13	0.30		
			11	0.02	0.95		0.18		
	Steps		11	0.02	0.85		0.16		
			1	2.40	0.90	0.15	0.32		
	Landing								
	Toilet Portion on SSM Foundation(Coping)		2	3.25	0.45	0.15	0.44		
	For Compound Wall Coping								
	South side		1	16.25	0.45	0.10	0.73		
	East Side		1	5.00	0.45	0.10	0.23		
	North Side		1	15.80	0.45	0.10	0.71		
	Building Allround Passage area								
	South Side		1	16.25	1.15	0.10	1.87		
	East Side		1	13.07	0.75	0.10	0.98		
	North Side		1	5.65	15.80	0.10	8.93		
	West Side		1	14.20	1.00	0.10	1.42		
	Deduct Sump Area		-1	3.00	2.80	0.10	-0.84		
							70.08		
				Upto 125%			**66.19**	**7432.22**	**491920.09**
				Above 125%			**3.89**	**7100.16**	**27652.65**
	Approved Amount	**7432.22**							
20	Providing **Size Stone masonry** with hard stone in foundation & plinth with Cement mortar 1:6(1 cement : 6 coarse sand) (V-II Page No.9, Item No.5.4 of PWD SR 2021-22)								

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
		Cum							
	Madivala Machideva sabha Bhavana								
	For SSM Foundation		5	10.35	0.60	0.40	12.42		
			2	12.8	0.60	0.40	6.14		
			5	10.35	0.45	0.40	9.32		
			2	12.8	0.45	0.40	4.61		
			2	3.25	0.45	0.40	1.17		
	Toilet Portion								
	For Compound Wall		1	16.25	0.45	0.60	4.39		
	South side		1	5.00	0.45	0.60	1.35		
	East Side		1	15.80	0.45	0.60	4.27		
							43.66	**5661.27**	**247174.05**
	Approved Amount	**5661.27**							
21	**Filling available excavated earth** (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.(V-I Page No.7, Item No.1.9 of PWD SR 2021-22)								
		Cum							
	Madivala Machideva sabha Bhavana								
	Footing		6	3.10	3.30	2.00	122.76		
	F1		4	2.20	2.50	2.00	44.00		
	F2		4	2.10	2.30	2.00	38.64		
	F3		3	1.4	1.40	2.00	11.76		
	F4								
	For SSm Foundation		5	10.35	0.75	0.75	29.11		
			2	12.5	0.75	0.75	14.06		
			2	3.25	0.60	0.6	2.34		
	Toilet Portion						-16.67		
	Deduct PCC Qty from item No-17						-51.75		
	Deduct RCC Qty from item No-18						-43.66		
	Deduct SSM Qty frm item-20								
	Add plinth area		1	14.00	9.95	0.30	41.79		
			1	14.00	2.65	0.30	11.13		
							203.51	**213.00**	**43347.70**
	Approved Amount	**213.00**							
22	Providing **Thermo-Mechanically Treated bars of grade Fe-500D** or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) (V-II Page No.11.32, Item No.84 of PWD SR 2021-22)								
		Kg							
	Madivala Machideva sabha Bhavana								
	Footing			10.82		120.00	1298.51		
	Column			22.61		120.00	2713.54		
	Plinth Beam			8.40		100.00	839.70		

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Roof Beams and Slab			27.06		120.00	3247.17		
	Chajja and Lintel			2.59		80.00	207.04		
							8305.96	**110.68**	**919264.35**
	Approved Amount	**110.68**							
23	Providing and constructing load bearing wall with **Solid Concrete blocks** of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications (V-II Page No 17, Item No 6.32 of PWD SR 2021-22)								
		Sqm							
	Madivala Machideva sabha Bhavana								
	Sump tank		2	3.00		1.50	9.00		
			2	2.40		1.50	7.20		
	Hall		1	14.80		2.65	39.22		
			1	14.80		2.65	39.22		
			1	9.55		2.65	25.31		
			1	9.55		2.65	25.31		
	Staircase Side Wall		2	4.15		2.45	20.34		
	Deduct openings								
	Deduct Openings								
	MD		-1	2.00		2.05	-4.10		
	W		-12	1.20		1.20	-17.28		
	W2		-1	2.85		0.65	-1.85		
	V		-1	0.60		0.60	-0.36		
							142.00	**1255.04**	**178212.50**
	Approved Amount	**1255.04**							
24	KSRB 5-15: Providing and constructing non load bearing wall with **solid concrete blocks** of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc complete as per								
		Sqm							
	Madivala Machideva sabha Bhavana								
	Toilet Portion								
			1	3.25		2.10	6.83		
			1	2.35		2.10	4.94		
			1	2.18		3.00	6.54		
			1	0.60		2.10	1.26		
			1	0.60		2.10	1.26		
			1	0.75		2.10	1.58		
	Deduct D1		-1	0.90		2.05	-1.85		
	Parapet Wall								
	South side		1	14.40		0.90	12.96		
	East Side		1	12.80		0.90	11.52		
	North Side Wall		1	14.40		3.50	50.40		
	Deduct Ms Pipe Portion		-1	3.50		2.00	-7.00		

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
			-1	3.15		2.00	-6.30		
	West Side		1	12.80		0.90	11.52		
	Staircase SideWall parapet		1	2.80		0.90	2.52		
	For Compound Wall								
	South side		1	16.25		1.20	19.50		
	East Side		1	5.00		1.20	6.00		
	North Side		1	15.80		1.20	18.96		
							140.63		
				Upto 125%			**64.00**	**987.75**	**63215.99**
				Above 125%			**76.63**	**981.46**	**75209.61**
	Approved Amount	**987.75**							
25	Providing and laying **water proofing treatment to the Roof** with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of								
		Sqm							
	Madivala Machideva sabha Bhavana								
	Terrace		1	14.00	12.55		175.70		
	Deduct Staircase Area		-1	4.15	2.40		-9.96		
							165.74	**777.87**	**128924.55**
	Approved Amount	**777.87**							
26	**Providing Honne wood frames of doors**, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications (V-II Page No 99, Item No 12.11 of PWD SR 2021-22)								
		Cum							
	Madivala Machideva sabha Bhavana								
	MD		4	2.00	0.13	0.10	0.10		
	D1		1	0.90	0.10	0.08	0.01		
			2	2.05	0.10	0.08	0.03		
							0.14	**94382.01**	**12977.53**
	Approved Amount	**94382.01**							
27	**Fixing of door frame** in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.(V-II Page								
		Nos							
	Madivala Machideva sabha Bhavana								
	MD		1				1.00		
	D1		1				1.00		
							2.00	**1550.53**	**3101.07**
	Approved Amount	**1550.53**							

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
8	Providing and fixing flush door shutter made out of solid core block board type, well seasoned , chemicaly treated hard wood battens and internal frame with minimum 45 mm wide wooden frame alround door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door useing liquid phenol formaldehyde resin as per IS specifications 2202 (part-I) 1991. from manufacturer complete as per spcification. 30 mm thick both side commercial (V-II Page No.105, Item No.12.51 of PWD SR 2021-22).								
		Sqm							
	Madivala Machideva sabha Bhavana								
	D1		1	0.90		2.00	1.80		
							1.80	**2754.41**	**4957.95**
	Approved Amount	**2754.41**							
29	Providing and fixing 1mm thick **M.S. sheet door with frame** of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.(V-II, Page No.75, Item No.11.5.1 of PWD SR 2021-22)								
		Sqm					**0.00**	**3821.52**	**0.00**
	Approved Amount	**3821.52**							
30	Providing & fixing of 2-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6 PHR with TPE (Thermo Plastic Elastomer) and lead free, gaskets -grey color having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 44mm width x 40mmheight with reinforcement of 1mm thickness and Sash with overall size of 27mm X 53mm with UPVC honeycomb structure inside in lieu of GI reinforcement. Coextruded Glazing bead for fixing of glass shall be of size 9.5mm x 21.5mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with Crescent Locks. Wall thickness of frame & sash shall be of 2 mm Maximum possible size - 1219mm x 1219mm. (The cost is								
		Sqm							
	Madivala Machideva sabha Bhavana								
	W		12	1.20		1.20	17.28		
	W1 Stircase Window		1	2.85		0.65	1.85		
	W2 out Side Window		1	2.30		1.90	4.37		
							23.50	**4295.55**	**100956.15**
	Approved Amount	**4295.55**							
31	Providing and fixing **M.S. grills** of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding (V-II, Page No.85, Item No.11.34A of PWD SR 2021-22)								
		Kg							
	Madivala Machideva sabha Bhavana								
	W		12	1.20		1.20	17.28		
	W1 Stircase Window		1	2.85		0.65	1.85		
	W2 out Side Window		1	2.30		1.90	4.37		
	V		1	0.60		0.60	0.36		
							23.86		
	Provided 22Kg/Sqm								
	23.86Sqm*22kg/Sqm=524.98						**524.98**		

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
							524.98	136.79	71809.03
	Approved Amount	**136.79**							
32	Providing and laying **flooring and steps fine machine polished granite stone slabs 20 mm** thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed including cost of materials, mortar, labour, curing complete as per specifications.(V-II, Page No.64, Item No.9.30 of PWD SR 2021-22)								
		Sqm							
	Madivala Machideva sabha Bhavana								
	Hall		1	14.00	9.95		139.30		
	Deduct Toilet Area		-1	3.25	3.25		-10.56		
	Varhanada		1	14.00	2.60		36.40		
	Skirting		1	8.75	0.10		0.88		
	Hall		1	14.00	0.10		1.40		
			2	6.65	0.10		1.33		
	Varhanada		1	14.00	0.10		1.40		
							170.14	**2506.95**	**426539.26**
	Approved Amount	**2506.95**							
33	Providing and laying **flamed finish Granite stone** flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge : ** Flamed finish granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or								
		Sqm							
	Madivala Machideva sabha Bhavana								
	Staircase		11	0.23	0.95		2.40		
			10	0.23	0.85		1.96		
	Landing		1	2.40	0.90		2.16		
	Door Opoosite Steps		2	2.70	0.35		1.89		
			2	2.70	0.15		0.81		
							9.22		
				Upto 125%			**6.30**	**1982.80**	**12491.67**
				Above 125%			**2.92**	**1982.77**	**5786.70**
	Approved Amount	**1982.80**							
34	Providing and laying **ceramic glazed floor tiles** of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including pointing the joints with white cement and matching pigments etc., complete.(V-II, Page No.60, Item No.9.11 of PWD SR 2021-22)								
		Sqm							
	Madivala Machideva sabha Bhavana								
	Bath area		1	2.18	1.47		3.20		
	Toilet Area		1	1.38	1.32		1.82		
	Passage		1	1.57	1.32		2.07		
			1	0.77	1.47		1.13		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
						8.23	807.11	6642.91
Approved Amount	**807.11**							
35	KSRB 14-17.2 : Providing skirting, dadoing, risers of steps with colour glazed tiles 15x15cmc 6mm on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16,14.17 (I.tm No.14.41.1, P.No.108, SR:2018-19)							
		Sqm						
	Madivala Machideva sabha Bhavana							
	Toilet Dadoo							
	Bath area		1	2.08	2.00	4.15		
			1	1.32	2.00	2.64		
			1	1.38	2.00	2.76		
			2	0.65	2.00	2.60		
			1	0.65	2.00	1.30		
	Toilet area		2	2.18	2.00	8.72		
			1	1.47	2.00	2.94		
			2	0.80	2.00	3.20		
			1	0.77	2.00	1.54		
	Passage Area		1	3.10	2.00	6.20		
						36.05	**2049.62**	**73888.95**
	Approved Amount	**2049.62**						
36	Providing **15 mm cement plaster** on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(V-II, Page No.41, Item No.8.2.1 of PWD SR 2021-22)							
		Sqm						
	Madivala Machideva sabha Bhavana							
	External Plastering							
	South side wall		1	14.40		5.65	81.36	
	East Side Wall		1	12.95		5.65	73.17	
			1	2.60		3.05	7.93	
	North Side Wall		1	14.20		3.05	43.31	
	Staircase Side Wall		2	4.15		3.05	25.32	
	Staircase SideWall parapet		2	2.80		0.95	5.32	
	Deduct Ms Pipe Portion		-1	3.50		2.00	-7.00	
			-1	3.15		2.00	-6.30	
	West Side Wall		1	12.95		5.65	73.17	
	Chajja							
	W		8	1.50		0.60	7.20	
			6	1.50		0.15	1.35	
			6	1.50		0.15	1.35	
	Deduction For Openings							
	MD		-1	2.00		2.05	-4.10	
	D1		-1	0.90		2.05	-1.85	
	W		-12	1.20		1.20	-17.28	

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	W2		-1	2.85		0.65	-1.85		
	W3		-1	2.30		1.90	-4.37		
	For Compound Wall								
	South side		2	16.25		1.30	42.25		
	East Side		2	5.00		1.30	13.00		
	North Side		2	15.80		1.30	41.08		
							373.05	**320.54**	**119579.49**
	Approved Amount	**320.54**							
37	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(V-II, Page No.41, Item No.8.3.1 of PWD SR 2021-22)								
		Sqm							
	Madivala Machideva sabha Bhavana								
	Sump tank		2	3.00		1.50	9.00		
			2	2.4		1.50	7.20		
	Ceiling Plastering		1	14.00	9.95		139.30		
	Hall		3*2	9.95		0.60	35.82		
	Beam		-1	3.25	3.25		-10.56		
	Deduct Toilet Portion		1	14.00	2.30		32.20		
	Varhanada		1	3.20	1.00		3.20		
	Staircase 1st flight		1	3.20	0.95		3.04		
	2nd flight								
	Inside Plastering								
	Hall		1	14.00	3.00		42.00		
			1	10.75	3.00		32.25		
			1	6.70	3.00		20.10		
			1	9.95	3.00		29.85		
			1	3.25	2.90		9.43		
	Toilet Wall								
	Deduct Openings		-1	2.00		2.05	-4.10		
	MD		-1	0.90		2.05	-1.85		
	D1		-12	1.20		1.20	-17.28		
	W		-1	0.60		0.60	-0.36		
	V						**329.24**	**264.16**	**86972.54**
	Approved Amount	**264.16**							
38	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (V-II, Page No.48, Item No.8.39 of PWD SR 2021-22)								
		Sqm							
	Ceiling and Inside Plastering Qty		1	329.24			329.24		
							329.24	**99.19**	**32657.98**
	Approved Amount	**99.19**							
39	Providing White washing with lime to give an even shade :New work (three coats) with lime of approved quality, including cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (V-II, Page No.44, Item No.8.21 of PWD SR 2021-22)								
		Sqm							

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	External Plastering Qty		1	373.05			373.05		
							373.05	19.84	7400.82
	Approved Amount	**19.84**							
40	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67 ltr/10 m^2 over and including priming coat of exterior primer applied @ 2.20 kg/10 m^2) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge (V-II Page No.46, Item No.8.30 of								
		Sqm							
	Outer Plastering Qty		1	373.05			373.05		
							373.05	**142.01**	**52975.61**
	Approved Amount	**142.01**							
41	Painting with **synthetic enamel paint of approved brand** and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge (V-II Page No.48, Item No.8.41 of								
		Sqm							
							0.00	**135.73**	**0.00**
	Approved Amount	**135.73**							
42	Providing and **fixing chromium plated brass handles** of 100/125 mm with necessary screws etc. Complete(V-II Page No.107, Item No.12.62 of PWD SR 2021-22)								
		Nos							
	D		6				6.00		
							6.00	**182.73**	**1096.35**
	Approved Amount	**182.73**							
43	Providing and fixing ISI marked **M.S. pressed** butt hinges bright finished with necessary screws etc.125x65x2.12mm(V-II Page No.107, Item No.12.68.1 of PWD SR 2021-22)								
		Nos							
			9				9.00		
							9.00	**39.68**	**357.09**
	Approved Amount	**39.68**							
44	Providing and **fixing bright finished brass tower bolts** (barrel type) with necessary screws etc. Complete 250x10mm (V-II Page No.109, Item No.12.76 of PWD SR 2021-22)								
		Nos							
			4				4.00		
							4.00	**351.87**	**1407.50**
	Approved Amount	**351.87**							
45	**Providing and fixing Chlorinated Polyvinyl Chloride** (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in charge. Concealed work, including cutting chases and making good the walls etc. 25mm nominal dia pipes (V-II Page No.124								
		Mtr							
	Madivala Machideva sabha Bhavana		1	**29.00**			29.00		
							29.00	**497.01**	**14413.18**
	Approved Amount	**497.01**							

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in charge. Concealed work, including cutting chases and making good the walls etc. 20mm nominal dia pipes (V-II Page No 124								
		Mtr							
	Madivala Machideva sabha Bhavana		1	**38.00**			38.00		
							38.00	**389.46**	**14799.37**
	Approved Amount	**389.46**							
47	**Providing and fixing white vitreous china pedestal** type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid								
		Each							
	Toilets		1				1.00		
							1.00	**5225.87**	**5225.87**
	Approved Amount	**5225.87**							
48	**Providing and fixing white vitreous china laboratory sink** with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required : Size 600x450x200 mm (V-II Page No 126, Item No 14.11.2 of PWD SR 2021-22)								
		Each							
	Toilets		1				1.00		
							1.00	**4848.94**	**4848.94**
	Approved Amount	**4848.94**							
49	**Providing and fixing white vitreous china flat back** half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Single half stall urinal with 5 litre P.V.C. automatic flushing cistern (V-II Page								
		Each							
	Toilets		2				2.00		
							2.00	**6920.49**	**13840.98**
	Approved Amount	**6920.49**							
50	**Supplying PVC ringfite pipes** conforming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc. for:PVC pipes 110mm dia 6 kg/sqcm &								
		M							
	Madivala Machideva sabha Bhavana		1	12.00			12.00		
							12.00	**411.39**	**4936.67**
	Approved Amount	**411.39**							
51	**Providing and placing on terrace**, polyethylene water storage tanks as per IS 12701 :1996 with manhole lid and suitable locking\ arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per spedfications.(For1000 litre capacity)								

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Madivala Machideva sabha Bhavana		1	1000			1000.00		
							1000.00	8.91	8905.56
	Approved Amount	8.91							
52	Providing and fixing gun metal non- return valve of approved quality (screwed end)(V-II Page No.115, Item No.13.6.1.2 of PWD SR 2021-22)								
		Nos							
	Toilet		1				1.00		
							1.00	577.40	577.40
	Approved Amount	577.40							
53	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete(V-II Page No.115, Item No.13.5.2 of PWD SR 2021-22)								
	Toilet	Each	1				1.00		
							1.00	375.89	375.89
	Approved Amount	375.89							
54	Providing and fixing PTMT pillar cock of approved quality and colour15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms(V-II Page No.118, Item No.13.20.2 of PWD SR 2021-22)								
	Madivala Machideva sabha Bhavana	Each	1				1.00		
							1.00	229.71	229.71
	Approved Amount	229.71							
55	Bottle trap 38 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 263 gms (V-II Page No.129, Item No.14.37.2 of PWD SR 2021-22)								
		Each							
	Madivala Machideva sabha Bhavana		0				0.00		
							0.00	254.77	0.00
	Approved Amount	254.77							
56	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 19/20mm dia 2mm thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipes ends should be covred using PVC end enclosures. run with 18SWG GI fish wire wherever necessary 19/20mm dia 2mm thick (Page No.1, Item								
		Mtr							
	Madivala Machideva sabha Bhavana		1	36.00			36.00		
							36.00	61.84	2226.12
	Approved Amount	61.84							
57	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 25mm dia 2mm thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipes ends should be covred using PVC end enclosures. run with								
		Mtr							
	Madivala Machideva sabha Bhavana		1	30.00			30.00		
							30.00	70.96	2128.81
	Approved Amount	70.96							
58	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 19/20mm dia 2mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary 19/20mm dia 2mm thick(Page No.1, Item No.1.3.1 of PWD Electrical								
		Mtr							

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Madivala Machideva sabha Bhavana		1	48.00			48.00		
							48.00	**76.03**	**3649.38**
	Approved Amount	**76.03**							
59	Concealed Conduit System Supplying **heavy gauge PVC conduit pipe 25mm dia 2.0mm** metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary a)25mm dia 2 mm thick (Page No.1, Item No.1.2.2 of PWD Electrical SR								
		Mtr							
	Madivala Machideva sabha Bhavana		1	24.00			24.00		
							24.00	**81.10**	**1946.34**
	Approved Amount	**81.10**							
60	Concealed Conduit System Supplying **heavy gauge PVC conduit pipe 32mm dia 2.5mm** metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out								
		Mtr							
	Madivala Machideva sabha Bhavana		1	12.00			12.00		
							12.00	**106.44**	**1277.28**
	Approved Amount	**106.44**							
	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper conductor single core cable in open or concealed system of wiring with specified IS-694:1990 & conforming to GTP of Group-A (Page No.3, Item No.2.3 of PWD Electrical SR 2021-22)								
61	1.0 Sqm	Mtr	1	100.00			100.00	**18.25**	**1824.69**
62	1.5 Sqm	Mtr	1	100.00			100.00	**26.36**	**2635.67**
63	2.5 Sqm	Mtr	1	100.00			100.00	**40.55**	**4054.87**
64	4.0 Sqm	Mtr	1	50.00			50.00	**59.81**	**2990.47**
65	10.0 Sqm	Mtr	1	40.00			40.00	**159.15**	**6366.15**
	Point wiring using copper wire without switch.Supplying and wiring adopting loop system in existing PVC Conduit/casing capping using 1100V Grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2x1.5 Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose lenght in a wood/PVC round block. complete for each outlet.(5/2.3) Using class A materials (Page No.3, Item No.2.2 of PWD Electrical SR 2021-22)								
66	Short point up to 3mtrs from tapping point to out let via switch (Page No.3, Item No.2.2.1 of PWD Electrical SR 2021-22)	Point	1	18.00			18.00	**254.44**	**4579.98**
67	Medium point a above 3mtr up to 6mtr from tapping point to out let via switch (Page No.3, Item No.2.2.2 of PWD Electrical SR 2021-22)	Point	1	18.00			18.00	**365.95**	**6587.14**
68	Long point a above 6mtr up to 10mtr from tapping point to out let via switch (Page No.3, Item No.2.2.3 of PWD Electrical SR 2021-22)	Point	1	12.00			12.00	**549.44**	**6593.22**
	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve , indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required conforming to IEC60898.5-32Amps DP (Page No.13, Item No.5.17 of PWD Electrical SR 2021-22)								
69	6-32Amps SP	Each	3				3.00	**530.17**	**1590.52**

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	6-32 Amps DP	Each	3				3.00	1118.13	3354.39
	40 Amps TPN	Each	3				3.00	2425.83	7277.48
	50-63 Amps SP	Each	2				2.00	744.07	1488.14
73	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure,III-Single Door Group A12Way SP &N (Page No.12, Item No.5.18.4 of PWD Electrical SR 2021-22)								
	Madivala Machideva sabha Bhavana	Each	1				1.00		
							1.00	**1612.83**	**1612.83**
	Approved Amount	**1612.83**							
74	Supplying and fixing regular MCB distribution boards on wall/wood board/flush mounting using required clamps, bolts, nuts etc. with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with power coated painting etc., complete: Double door: 6 way TP &N , Group (A)								
	Madivala Machideva sabha Bhavana	Each	1				1.00		
							1.00	**3786.24**	**3786.24**
	Approved Amount	**3786.24**							
75	Supplying and fixing 32Amps security and energy saving DP switch with key tag suitable to operate on 230 Volts, 50Hz AC supply & completely wired on existing box. (Page No.6, Item No.3.7 of PWD Electrical SR 2021-22)								
	Madivala Machideva sabha Bhavana	Each					0.00		
							0.00	**757.92**	**0.00**
	Approved Amount	**757.92**							
76	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-3 Way (Page No.5, Item No.3.4.1 of PWD Electrical SR 2021-22)								
	Madivala Machideva sabha Bhavana	Each	2				2.00		
							2.00	**124.69**	**249.37**
	Approved Amount	**124.69**							
77	Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes : Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes, Class H Insulated copper wire, Vacuum impregnated high quality with Low loss silicon steel lamination operated on 240V,50Hz supply with IEC 60920 (Safety) & IEC								
	Madivala Machideva sabha Bhavana	Each	5				5.00		
							5.00	**304.12**	**1520.58**
	Approved Amount	**304.12**							
78	Supply and fixing metal fan box with round hook (Page No.2, Item No.1.12 of PWD Electrical SR 2021-22)								
	Madivala Machideva sabha Bhavana	Each	7				7.00		
							7.00	**165.24**	**1156.65**
	Approved Amount	**165.24**							
	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.(Page No.5, Item No.3.6 of PWD Electrical SR 2021-22)								
79	6Amps SP Switch	Each	4				4.00	89.21	356.83
80	6Amps 3way 5 pin socket	Each	8				8.00	164.22	1313.78
81	16Amps SP Switch	Each	0				0.00	252.42	0.00
82	32Amps Flush/projected types DP switch	Each	0				0.00	380.14	0.00

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall (Page No.5, Item No.3.4 of PWD Electrical SR 2021-22)								
83	1-3Way	Each	2				2.00	124.69	249.37
84	4-5Way	Each	0				0.00	139.89	0.00
85	6Way	Each	5				5.00	214.91	1074.54
86	8Way	Each	0				0.00	253.43	0.00
87	10-12Way	Each	4				4.00	329.46	1317.83
88	16Way	Each	0				0.00	358.86	0.00
	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. (Page No.5, Item No.3.5 of PWD Electrical SR 2021-22)								
89	1 to 3 Module	Each	2				2.00	154.09	308.17
90	4Moudule	Each	0				0.00	177.40	0.00
91	6Moudule	Each	5				5.00	247.35	1236.74
92	8Moudule	Each	0				0.00	306.14	0.00
93	10Moudule	Each	4				4.00	367.98	1471.92
94	12Moudule	Each	0				0.00	408.53	0.00
95	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies for operation on 230 Volts, 50 Cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system.(84/9.3)56" Sweep (1400mm) Regular model (Page No.22, Item No.6.3.2 of PWD Electrical SR								
	Madivala Machideva sabha Bhavana	Each	7				7.00		
							7.00	2199.77	15398.38
	Approved Amount	**2199.77**							
96	Supplying and fixing of Electronic Ballast suitable for T8 Lamp with housing made of Pre-coated steel/PC, Operating voltage range from 180V to 265V, 50Hz AC power Supply flicker free warm start with over voltage protection, Inrush current protection, De-activated lamp protection & End of Lamp life protection with PF> 0.95 & TC(deg C) > 65 degC. Operating voltage range from 180V to 265V, 50Hz AC power Supply (Page No.40, Item No.12.22.3 of PWD Electrical SR 2021-22)								
	Madivala Machideva sabha Bhavana	Each	0				0.00		
							0.00	734.95	0.00
	Approved Amount	**734.95**							
97	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. 14.7.1 On wall / ceiling / Rafter / Girders (Page No.45, Item No.13.7.1 of PWD Electrical SR 2021-22)								
	Madivala Machideva sabha Bhavana	Each	9				9.00		
							9.00	120.63	1085.69
	Approved Amount	**120.63**							
98	Earthing: Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts, nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia (Page No.164, Item No.45 of BWSSB SR 2021-22)								
	Madivala Machideva sabha Bhavana	**JOb**	1				1.00		
							1.00	3915.49	3915.49
	Approved Amount	**3915.49**							

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
99	**Geophysical investigation** at site for sinking borewells for supplying drinking water to the habitation either through the Hand Pump MWS or P.W.S.S, by vertical electrical sounding by adopting Venner orSchlumbergers's method, including reconnaissance survey of geological formation. Geophysical investigation of existing ground water in the vicinity, its quality, quantity and acceptability of the users, indicating the location of the site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instruments and accessories to work site, engaging technical personal and labour required etc. NOTE: 1) Additional rate on item 1&2 is allowed for drilling in over burden and fixing Casing pipes beyond 20 M (for fixing Casing pipes only) a) Above 20 M and upto 30 M - 15%, b) Above 30 M - 30% (Measurement of overburden is restricted to the depth of casing pipe fixed excluding initial depth of 20M and projection above ground level). 2) A sum of Rs. 100/- is to be deducted for Dry Borewell towards yield test. (P.151, I.No-4 Code No-O040A) BWSSB.SR 2021-22								
		Nos					0.00	5367.87	0.00
	Approved Amount	**5367.87**							
	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete)(P.151, I.No-1) BWSSB.SR 2021-22								
		m					0.00	302.80	0.00
100	0 to 50 m (Code No-O010A)			50.00					
		m					0.00	380.85	0.00
101	50 to 100 m (Code No-O010B)			50.00					
	Approved Amount	**380.85**							
		m					0.00	403.59	0.00
102	100 to 150 m (Code No-O010C)			50.00					
	Approved Amount	**403.59**							
		m					0.00	468.96	0.00
103	150 to 200 m (Code No-O010D)			50.00					
	Approved Amount	**468.96**							
		m					0.00	550.44	0.00
104	200 to 250 m (Code No-O010E)			50.00					
	Approved Amount	**550.44**							
		m					0.00	582.65	0.00
105	250 to 300 m (Code No-O010F)			50.00					
	Approved Amount	**582.65**							
		m					0.00	647.07	0.00
106	300 to 350 m (Code No-O010G)			50.00					
	Approved Amount	**647.07**							
107	Supply of ISI mark 175mm nominal bore,plain and **steel casing pipe** grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes, material and conforming to IS 1387-1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5-7m both ends.threaded conforming to IS 554-1985 one end fixed with socket conforming to IS 4270-2001 and the other end with screwed pipes all shall be responsibaly free from defects. The tubes shall be responsible straight end should be with ISI marking weighing 25.10kg/m.prices include Collar-Medium duty (P.154, I.No 32, O160A) BWSSB.SR 2021-22								

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
		Rmtr							
							0.00		
							0.00	**2017.96**	**0.00**
	Approved Amount	**2017.96**							
108	Supply and delivery of **galvanized mild steel tubes** of 6mtr standard length heavy duty (C Class) as per IS 1239 (Part-I) 1990 with latest amendments with ISI Mark (one end fitted with Heavy Duty collar and other end fitted with protective cover) 50 mm (P. No.162, I. No. 33.1 BWSSB SR 2021-22)								
		Each							
							0.00		
							0.00	**3184.21**	**0.00**
	Approved Amount	**3184.21**							
109	**PVC pipe** - OD 250mm and 6 Kg/sqcm P.No-34, Sl.No.1175,BWSSB.SR 2021-22								
		Rmtr							
							0.00		
							0.00	**1148.25**	**0.00**
	Approved Amount	**1148.25**							
110	Supplying and drawing 3 core flat PVC sheathed **submersible pump cable** manufactured with electrolytic grade copper withflexible copper with low resistance conductor confirming to13:8130-1984 and virgin grade PVC insulation and powdercoating extruded PVC sheathed suitable for working voltageupto 1100 V as per IS-694:2010. 3C x 6 mm2 P. No. 4/ I No. 2.6.4 KPWD Electrical SR 2021-22								
		Rmtr							
							0.00		
							0.00	**245.38**	**0.00**
	Approved Amount	**245.38**							
111	Providing,supplying to work site, Submersible Pump Set of 150mm dia suitable for bore well and confirming to IS 8034-2000;3Phase, SS Bowl & Impeller with Low volt Motor as per specifications,as per necessary ammendments and instructions of engineer incharge of work. 15.00 HP - 120 LPM @ 266 m = 23 STG Outlet Dia - 2.00"(P. No.161, I. No. 18.6, BWSSB SR 2021-22)								
		Nos							
							0.00		
							0.00	**72315.04**	**0.00**
	Approved Amount	**72315.04**							
112	Earthing: Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts, nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia. (P. No.164, I. No. 45, BWSSB SR 2021-22)								
		job							
							0.00		
							0.00	**3915.60**	**0.00**
	Approved Amount	**3915.60**							
113	Supply and fixing polished wood board made of not lessthan 15mm thick plank on both sides of not more than 2pieces and fixing the same to the wall using tapered invertedwooden plugs screws. 20" x 20" x 2.5" (P No. 10 No.5.6.6,Part-I Electrical SR 2021-22)								
		Each							
							0.00		
							0.00	**320.22**	**0.00**
	Approved Amount	**320.22**							

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Supplying & fixing of Porcelain fuse channel with cut out onexisting wooden/panel using necessary nuts, bolts andwashers. 63 A (P No. 10 No.5.6.6,Part-I Electrical SR 2021-22)								
		Each							
							0.00		
							0.00	**378.01**	0.00
	Approved Amount	**378.01**							
115	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materialsand 'C' Type curve, indicator ON/OFF, energy cross-3 withShort circuit breaking capacity of 10K and complete wiring asrequired confirming to IEC 60898. 50-63 A TPN (P No. 13 I.No.5.17.9,Part-I Electrical SR 2021-22)								
		Each							
							0.00		
							0.00	**2431.98**	0.00
	Approved Amount	**2431.98**							
116	**Earth work excavation by manual means** for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 14 m3) (V-I.No 1.4,Page No-5 PWD SR 2021-22)								
		Cum							
	Pipeline						0.00		
							0.00	**194.22**	0.00
	Approved Amount	**194.22**							
117	Supplying and filling in plinth with sand under floors, foundation of Bridges including watering, ramming, consolidating and dressing complete. (P.No-7,I No-1.11,V-I of PWD SR 2021-22)								
		Cum							
							0.00		
							0.00	**2273.76**	0.00
	Approved Amount	**2273.76**							
118	Supplying PVC ringtite pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc.63mm outer dia, 6kg/sqcm & class 3 for:(P. No.134 I No 1.4 BWSSB SR 2021-22)								
		Mtr							
							0.00		
							0.00	**161.00**	0.00
	Approved Amount	**161.00**							
119	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m , and lift upto 1.5 m. Including cost of all labour complete as per specifications P. No. 7, I No. 1.10,V-I PWD SR 2021-22								
		Cum							

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Earth Work Qty						266.044		
	Reduce Concrete Qty								
	PCC						-25.06		
	Footing and Coloumn Qty up to						-48.67		
	SSM Below GL						-22.98		
							169.33	129.99	22010.85
	Approved Amount	129.99							
20	Supplying fully automatic star-delta starter unit push buttontype with suitable wires, 3 contactors, one adjustablethermal timer mounted on a common base plate held in steel enclosure for use on 400/440 V 3 phase and wired after fixingto the existing wooden board for motor. Above 12.5 HP upto 25 HP (P No. 10 I.No.5.2.2,Part-I Electrical SR 2021-22)								
		Nos					0.00		
							0.00	8770.00	0.00
	Approved Amount	8770.00							
	EIRL								
E1	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. G.I. pipes including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer in-Charge. (V-II, P.No-82, I No-11.26.3 of PWD SR 2021-22)								
		Kgs							
	Madivala Machideva sabha Bhavana								
	On terrace bolcony railing		1	3.5		0.80	2.80		
			1	3.15		0.80	2.52		
	Staircase Railings		1	2.8		0.80	2.24		
			1	3.25		0.80	2.60		
	Gate		1	4.12		1.57	6.47		
							16.63		
	Considered 29kg/Sqm						465.60		
							465.60	153.48	71461.56
								Total Construction Cost	135073019.41
								18% GST for Construction Cost	24313143.49
								Sub Total	159386162.90
								Utility Shifting,Miscellaneous and Rounding off	1,252.38
								GRAND TOTAL Including GST	159387415.28

Assistant Engineer
Yelahanka Project Division
BBMP Bangalore

Asst. Executive Engineer
Yelahanka Project Division
BBMP Bangalore

Executive Engineer
Yelahanka Project Division
BBMP Bangalore

Technical Sanction
Accorded For Rs. 1600-00 Lakhs
Head of A/C P-3877
CER NO 48 Dtd: 15/12/2023